Lodi Citizen's Monitoring - Lodi, California November 2003

Weather: Light rain, temperature 15.6 C (60 F)

Water had some cloudiness and some green/olive/brown color reported. Boards taken out Woodbridge dam 11/5/03, river low, lake drained.

				Dissolved (TDS)				Nitrate,		
				Wa	iter	Oxygen	Turbidity	Conduct.	as mg/L	
Test Site	Date	Time	рΗ	Tempe	erature	mg/L	NTU	uS		Remarks
Site #1	14-Nov-03	13:09	7.1	16.1 C	61.0 F	7.6	4.7 ntu	30	0	
River before City	Grade:		Α	Α		В	Α	Α	Α	
Storm System inlets										
Site # 2	14-Nov-03	13:30	6.3	15.6 C	60.1 F	8.4	4.7 ntu	30	0	
River	Grade:		В	Α		В	Α	Α	Α	
near Casa de Lodi										
Site # 3	14-Nov-03	15:45	7.8	13.9 C	57.0 F	8.5	4.2 ntu	50	0	Canoers passed by
River at	Grade:		Α	Α		В	Α	Α	Α	during DO test
Mokelumne River Dr.										
Site # 4	14-Nov-03	16:15	8.0	15.4 C	59.7 F	8.3	3.5 ntu	50	0	rusted shopping cart
River at "Scenic	Grade:		Α	Α		В	Α	Α	Α	in middle of river
Overlook" Awani Dr.										
Site # 5	14-Nov-03	15:42	7.6	16.3 C	61.3 F	9.8	38.6 ntu	50	0	river very low
River, Glen Beach	Grade:		Α	Α		Α	С	Α	Α	
Edgewood Dr.										
Site # 6	14-Nov-03	16:15	8.2	16.3 C	61.3 F	9.6	6.6 ntu	40	0	deer tracks and
River, N/O	Grade:		В	Α		Α	В	Α	Α	racoon tracks
Pigs Lake										
Site # 7	14-Nov-03	15:45	7.8	15.5 C	59.9 F	8.0	10.9 ntu	50	0	
River, near Gazebo	Grade:		Α	Α		В	В	Α	Α	
N/O Lodi Lake										
Site # 7A	14-Nov-03	NA								lake drained
East end (S/o SD)	Grade:									
Lodi Lake										
Site # 8	14-Nov-03	15:45	7.3	18.1 C	64.6 F	7.4	83.6 ntu	250	0	In empty Lake,
Lodi Lake above	Grade:		Α	В		В	С	В	Α	75ft N/of storm drain
last Storm Drain										drain flowing freely
Site # 9	14-Nov-03	16:10	6.8	15.8 C	60.4 F	9.2	6.2 ntu	40	0	
River at	Grade:		В	Α		Α	В	Α	Α	
WID Dam										

NA = Not Analyzed (equipment problems)

GRADE:	<u>рН</u>	<u>Temp</u>	<u>D.O.</u>	Turbidity	<u>TDS</u>	<u>Nitrates</u>
Α	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
В	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat.,<5.0mg/L	> 150	> 1000	> 10